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| ((((((((( |      Z*Net International Atari Online Magazine
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|      ((   |
|   ((((((  |                      CONTENTS
|      ((   |
|           |   * The Editors Desk...........................Ron Kovacs
|  (((   (( |   * Z*Net Newswire.........................................
|  ((((  (( |   * AtariUser Dealer Listing...............................
|  (( (( (( |   * Z*Net UK Update...........................Mick Jarvis
|  ((  (((( |   * Perusing Genie..............................Ed Krimen
|  ((   ((( |   * Perusing CompuServe....................Mike Mortilla
|           |   * Perusing The Internet.................Bruce Hansford
|  ((((((( |   * The Newdesk Icon CPX....................Press Release
|  ((       |   * Z*Net Software Shelf..................Ron Berinstein
|  (((((    |
|  ((       |
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=============================================================================
* THE EDITORS DESK                                           by Ron Kovacs
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          Yep.. This issue was released on February 23.

This week we are reprinting the AtariUser Magazine dealer listing that
appears in the February edition. If you have any update information
please pass it along so that they can present an accurate list in a

future edition. There are directions on how to update in the article.

I want to also welcome, Mike Mortilla and Mick Jarvis to the staff. The
first columns from each appear this week.

Z PROJECT

I would like to pass along a something that took place earlier this week
with my daughter. You see, Jessica is in kindergarten and for three and
a half hours each day, we cart her off to school and then spend some
time each evening going over the days events.

Each week, Friday to be exact is "Letterman Day"/Show and Tell. The
teacher picks a letter and for the week, I suppose, they spend time
talking about things that begin with the letter.... You get the idea I
hope.

Well, this past Friday it was Show and Tell. This is the day your
toddler has to bring something to school that begins with the letter and
they give a brief explanation of what it is ect....

It a Z day Friday. Looking around the house trying to find something
that begins with Z is almost impossible. Note I stated ALMOST. Perhaps
someone has a Zebra they could cart off to school or Mariano's Ziggy
Zercon (if it really lives), or even a Z*Net!! Yes!! You guessed it, I
sent my daughter with a Z*Net Newsletter. I was going to send the 4
foot by 3 foot Z*Net banner, but it was bigger then she is and probably
harder for the teacher to assist an explanation.

After speaking with the teacher late on Friday, she found it interesting
and required a full explanation of what Atari did producing a newsletter
when they probably have reached enough people with their games. Silly
teacher I said to myself and offered to send my daughter with some Atari
flyers on Monday.... I will keep you updated! Hmmm perhaps Dorothy
Brumleve is needed here...... :-)

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* Z*NET NEWSWIRE
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OSCAR NOMINATION FOR ATARI USER
Scott Gershin, owner of Hollywood's SOUNDELUX post-production sound
studio, has been nominated for an Oscar for his work in sound on the
"JFK" movie. Scott does his work using Atari equipment for control of
digital audio, using Hybrid Arts ADAP and other sound tools. Scott did
sound for other recent films including "Born on the Forth of July",
"Honey, I've Shrunk the Kiids", and many commercials. The Soundelux
audio library, developed on Atari equipment, is a popular set of effects
that is most recently heard throughout the new STAR TREK movie, as well.
Read more about Scott Gershin and his use of Atari equipment in the
February ATARI EXPLORER magazine.

TAF MEETING REPORT
From GEnie

Category 11, Topic 3
Message 3   Thu Feb 20, 1992
C.TOWNSLEY [CHARLIE]   at 23:40 EST

Hi all. I just got back from the TAF meeting. I just wanted to say
that what I've heard was true; Bob Brodie is a very effective speaker.
I really enjoyed your opening remarks, Bob, and was impressed with how
well you handled the LONG question and answer period.

It's almost a shame, though I understand perfectly, that ATARI won't
talk about products under development. A couple of times there, you
looked like your teeth hurt, and had to force the words back. :-) Ah,
well. I can wait until April when I can SEE the new products.

It was very nice to see the ST Book, though. Very neat little thing.
And I mean LITTLE thing. I couldn't believe the size of it.

And it was a pleasure to meet you, and Nathan, and Darlah, and a few
other GEnie people in person. Now I can put a face and voice to the
text. I'm looking forward to seeing you all again in April.

Charlie Townsley

Category 11, Topic 3
Message 4   Fri Feb 21, 1992
DARLAH [RT~SYSOP]   at 00:17 EST

Charlie:

It was nice to meet you. This was the 1st time I went to the TAF
meeting and I must admit that I was impressed. They had about 200
people show up and I am told half usually show up for each meeting.

The enthusiasm was great to see and the excitement was great. I too
enjoyed checking out the ST Book. I enjoyed Bob's sense of humor and
his style as he did his presentation. Well, he just impresses me. What
can I say.

It was great to meet the TAF folks. They bring new meaning to what user
groups are all about. You can bet that I will be attending more of
their meetings. Glad we dropped in.

Geoff Earle also was present and talked about the Canadian side of
things. He was quite insightful and did a great job at squelching
rumors, as did Bob. My thanks to all involved on this one.

I am really looking forward to the TAF show. Can't wait!

Category 11, Topic 3
Message 5   Fri Feb 21, 1992
ISD [Nathan]   at 06:30 EST

If you enjoyed Bob so much, how come I'm the one up at 6:30 taking him
to the airport on my way to Markham. :-) Bob was his usual treat,
thoroughly enjoyed by TAF. This is the very first time Bob has had the
opportunity to address a TAF meeting and was very well received. The
April 4-5 show in Toronto is going to be great and there will definitely
be new Atari machines on display at that time, according to Geoff Earle,
General Manager of Atari Canada.

Category 11, Topic 3
Message   6   Fri Feb 21, 1992
ISD [Nathan]   (Forwarded)

Last night, for example, I spent my time at a TAF meeting, which is my
local user group here in Toronto. In attendance was my famous wife
DARLAH :-), along with Geoff Earle, General Manager of Atari Canada and
Bob Brodie, Director of Communications for Atari Corp.....along with
approximately 200 attendees. The meeting was thoroughly enjoyable, the
mood was upbeat, the TAF show coming up in April looks to be a great
success, especially as it will result in the first Canadian Atari show
display of some of the new machines. It was very heartening to attend.
There was energy in that room, dare I say "enthusiasm". And that, my
friends, is the kind of NEWS I like to read every now and then. Oh yes,
as expected, Bob was a first class speaker. If anything, he's gotten
better over the past year or two.

Now back to your regularly scheduled whatever. :-)

Nathan @ ISD

Category 11, Topic 3
Message 7   Fri Feb 21, 1992
C.TOWNSLEY [CHARLIE]   at 21:06 EST

Last night was the first time I'd ever been to a TAF meeting myself (and
probably my last as my work schedule is moving back to straight
afternoons). I'm very glad I went, as I really enjoyed myself. It's
quite a treat to be in a room full of Atari "fans", most of whom know
what they're talking about much better than I do. I had a great time
butting into conversations. :-)

The only bummer was the weather. All this week the temperature has been
edging up, after a nasty LOW last week. Then THIS GUY FROM
CA-LI-FOR-NI-A shows up and Mother Nature has her revenge on us poor
Canuck's for even thinking about a place with climate instead of
weather.

When I left the TAF meeting it was snowing, again. And it's all your
fault, Bob. Don't ask me how; I just know it is.

:-)
Charlie Townsley

ATARI LAPEL PINS AVAILABLE
The Eastside Atari Users Group, under special agreement with Atari
Corp., is selling Atari Lapel Pins. These pins were made for the
Chicago Computerfest and are a limited edition item. Less than 300 were
made for the show and no other pins of this style will be made by our
group again (unless Atari itself orders them). The pin has a blue
background with the Atari name and fuji in silver. It comes with a
military style clasp. An epoxy dome covers the pin to protect it from
scratches. Although we did not sell out at Chicago, Atari Corp was very
impressed the pin and were in fact our best customer. Greg Pratt, Bob
Brodie, and other Atari executives bought pins to take back to
Sunnyvale. Bob has told us that Sam thought highly of the pin too.
These pins are being offered on a first come first serve basis. As I
said, we will not reorder this style again so it is a limited edition

pin. The pins may be ordered by sending $5 to:

Eastside Atari Users Group
1504 Saratoga
Collinsville, IL 62234

User groups may want to take advantage of this offer so we offer a
discount for orders for 10 or more pins. If 10 or more pins are ordered
at the same time the price drops to $4.50 per pin.
                                    - Dave Pintar
                                      President EAUG

CODEHEAD TECHNOLOGY VERSIONS AND PRICES
Monday, February 17, 1992

UTILITIES	VERSION	MANUAL	RELEASE NOTES	PRICE	UPGRADE
HotWire	3.0	1.3	2.3	$44.95	$10.00
MaxiFile III	3.0	2.0	3.0 Addendum	$44.95	$15.00
HotWire Plus (includes Maxifile)				$69.95	$20.00
MultiDesk Deluxe	3.3	3.0		$49.95	$20.00+$3 S/H
CodeKeys	1.3	1.1		$39.95	$10.00
LookIt & PopIt	1.2/1.1	1.0		$39.95	$10.00
G+Plus	1.5	1.2		$34.95	$10.00
CodeHead Utilities	4		Release 3 & 4	$34.95	$10.00
MidiMax	1.3	1.0		$49.95	$10.00
MIDI Spy	1.0	1.0		$79.95	
Quick ST	3.5	3.5		$44.95	$20.00

GRAPHIC TOOLS	PRICE	INTRODUCTORY PRICE (until March 1, 1992)
Avant Vector (with EPS)	$545.00	$495.00
Avant Plot	$895.00	$845.00
Genus Font Editor	$175.00	$150.00
MegaPaint Professional 4.0	$175.00	
Cherry Font Packs	$42.95	

HARDWARE	
TOS Extension Card	$139.00
TOS Ext. Card - CPU or BUS Bridge	$155.00
TOS Chip Set	$60.00

TERMS
Check, Money Order, Mastercard, Visa, and American Express are accepted.
Basic shipping charges are $3.00 to addresses in the US, $4.00 to
Canada, and $6.00 to Europe. Some packages, such as Avant Vector and
MegaPaint require higher shipping charges. Please call for exact rates.

UPGRADE POLICY
MaxiFile updates are $15.00, which includes a 67-page manual addendum.
MultiDesk updates (to MultiDesk Deluxe) are $20.00 plus $3 shipping,
which includes a new manual in a three-ring binder. Quick ST updates
are $20.00. Send in your original Quick ST disk or a Turbo ST disk (any
version). Updates to previous versions of MegaPaint are $100.00. All
other updates are $10.00 each plus $5.00 extra if a new manual is
required. If you are updating HotWire and have the old red and black
manual, you'll need a new manual. To order any update, send us your
original disk plus the appropriate payment. Order are usually filled
the same day they are received.

(Quick ST and MIDI Spy are not shipping as of this date)

===
* ATARIUSER DEALER LISTING
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HOW ACCURATE IS THIS LIST??

Developing and maintaining a dealer directory is difficult and time
consuming. They come and go, and not all "dealers" get their product
from Atari Corp. Many buy from distributors and their second and "grey"
sources. So... In March of 1990 we obtained the latest copy of a high-
level "confidential" list of almost 1000 North American Atari dealers.
We were amazed and delighted. But... After two weeks of careful
analysis, hundreds of dollars in phone calls, lot's a red-lining,
howling with laughter, and tossing out stationary stores with Atari
brand calculators, we quickly pared the list to about 100 "known" and
400 "possibilities." (several locations on the list were but minutes
from our offices, none were real and one was a vacant lot! Worst yet,
several dealers who routinely advertise nationally weren't even on the
list.)

Being optimists, in April we mailed out over 800 questionnaires to known
and possible Atari product outlets asking them to respond whether or not
they dealt Atari computers. We received replies from about 200, 81 of
whom indeed carried Atari computers. (Some of the responders said they
had never carried Atari product.) More phone calls...

Knowing Atari folks ignore anything that comes in the mail (might be
bills), in May we mailed another 400 (reworded) questionnaires attempting
to contact those who hadn't responded or whom we weren't able to contact
by phone, and other suspected locations. Our writing staff worked hard
to follow-up on leads in their region. More responses. More phone
calls.

By June we were much poorer and had a list of about 100 known (whom we'd
known about all along) and another 150 or so likely dealers. In July
our numbers settled at about 200 outlets across North America were you
could actually get (or at very least, order) Atari computer stuff.
We've been constantly updating since then.

YOUR MISSION

Here's where you, our faithful reader, comes in. Check up on this list!
Let us know if a dealer in your area no longer exists, just opened, or
is a "black-hole" -- i.e., not on our list, or shouldn't be on our list.
Let us know if they stock computers and/or software, or if you can order
through them. Leave your updated information on our phone line normally
used for new subscriptions... (818) 332-6428. We'll publish your
"AtariUser's Reader-Verified Guaranteed Support Directory of Place You
Actually Buy, and Take Home Right Then, Atari Computer Stuff."

Though most of our distribution is direct to user groups, there are
about 100 stores and VARs who each disburse an average 100 AtariUser
copies every month. These are the folks who always stock and support
Atari computers, peripherals, software, and related services -- come

-hell-or-high-water.

About half of the locations on this list don't carry a decent selection
of hardware or software. Most nationally-advertising mail-order
locations are not included in our list. Many locations don't stock a
large variety of products, but can get their hands on what you want.

State	City	Name	Address
AK	FAIRBANKS	FAR NORTH COMPUTERS	59 COLLEGE RD STE 217
AL	BIRMINGHAM	Computer Package Sys	3197 CAHABA HEIGHTS RD
AL	BIRMINGHAM	Far Computers	2134 WARRIOR RD
AL	BIRMINGHAM	Southern Software	1879 RUFFNER RD
AL	DOTHAN	Whitman Music	1833 MONTGOMERY HWY
AL	MONTGOMERY	Music Matters Inc.	2801 VAUGHN PLAZA RD
AR	FORT SMITH	Microtronics	1614 TOWNSON AVE.
AR	JACKSONVILLE	Computer Plus	9A CRESTVIEW PLZ
AR	LITTLE ROCK	Micro Shop	8023 CHICOT RD
AZ	GLENDALE	Computer Works	4337 W BETHANY HOME RD
AZ	PHOENIX	Software	4001 E THOMAS RD
CA	APTOS	Teddy Bear Toys	76 RANCHO DEL MAR
CA	BELLFLOWER	Mid-Cities Computers	9406 FLOWER ST
CA	BERKELEY	Winners Circle Systems	2618 TELEGRAPH AVE
CA	BURLINGAME	Computer Spectrum	1243 HOWARD AVE
CA	CARMICHAEL	SBI Computer Warehouse	6022 FAIR OAKS BLVD
CA	CHULA VISTA	Computer Plus	642 3RD AVE # 2
CA	CHULA VISTA	Harpers Music	241 3RD AVE
CA	CULVER CITY	Hybrid Arts	8522 NATIONAL BLVD
CA	FORT BRAGG	Clark Music	123 E LAUREL ST
CA	HOLLYWOOD	Nadines Music Inc.	6251 SANTA MONICA BLVD
CA	INGLEWOOD	Future Designs	141 E HAZEL ST APT 2
CA	LONG BEACH	Whittaker Music Inc.	2222 N BELLFLOWER BLVD
CA	LOS ALAMITOS	Omni Techniques	10325 LOS ALAMITOS BLVD
CA	LOS ANGELES	Compu-Prompt	746 N CAHUENGA BLVD
CA	NORTH HOLLYWOOD	American Music	5100 LANKERSHIM BLVD
CA	OAKLAND	ATY Computer	3727 13TH AVE
CA	ORANGE	Computer Games Plus	1839 E CHAPMAN AVE
CA	PACIFIC GROVE	Hornbuckle Engineering	170 CENTRAL AVE
CA	PASADENA	Audio Engineering Assoc	1029 N ALLEN AVE
CA	RANCHO CORDOVA	Comp. Stop	11369 SUNRISE GOLD CIR A
CA	RESEDA	Comsoft Communications	17728 VANOWEN ST
CA	SAN DIEGO	Warner Engineering	3545 MIDWAY DR STE C
CA	SAN FRANCISCO	Computer Rock	3785 BALBOA ST
CA	SAN JOSE	San Jose Computer	1278 ALMA CT
CA	SAN LUIS OBISPO	Computer Logic	973 FOOTHILL BLVD # 4
CA	SANTA ANA	Sightsinger Music	3203 S HARBOR BLVD
CA	SANTA PAULA	McCabes Music	940 E MAIN ST
CA	SEPULVEDA	Bolt Electronics Repair	15737 LEMARSH ST
CA	SIMI VALLEY	Digital Depot	5766 E LOS ANGELES AVE
CA	SIMI VALLEY	World Music	1826 ERRINGER RD
CA	SUN VALLEY	Comsoft Communications	8127 SAN FERNANDO RD
CA	THOUSAND OAKS	Atcom Microcenter	1421 E THOUSAND OAKS
CA	TORRANCE	Computer Place	23914 CRENSHAW BLVD
CA	UKIAH	Wood Enterprises	1107 S STATE ST
CA	UPLAND	Computer Haven	957 W FOOTHILL BLVD
CA	VENTURA	Comstar 2	4255-6 EAST MAIN ST.
CA	WOODLAND	STEVE'S SOFTWARE SALES	5 WEST ST
CO	COLORADO SPRINGS	Citadel Computers	747 CITADEL DR E
CO	DENVER	Horizon Computers	695 S COLORADO BLVD # 10

CO	ENGLEWOOD	The Computer Room	9625 E ARAPAHOE RD
CO	FORT COLLINS	Run PC	524 W LAUREL ST # 2
CT	EAST HARTFORD	Lasalle Music 2	1052 MAIN ST
CT	EAST HARTFORD	Twentieth Century	176 BURNSIDE AVE
CT	EAST HAVEN	Shoreline Computers	545 MAIN ST
CT	FAIRFIELD	Computers Etc	425 KINGS HWY E
CT	NEW HAVEN	Goldie And Libro Music	756 CHAPEL ST
CT	NEW LONDON	Caruso Music	20 BANK ST
CT	NEWINGTON	Center Music	2303 BERLIN TPKE
CT	STAMFORD	Itex	413 CANAL ST
FL	FORT LAUDERDALE	Computer Room	981 W COMMERCIAL BLVD
FL	FORT PIERCE	DISCOUNT VIDEO/COMPUTER	1717 S US HIGHWAY 1
FL	GAINESVILLE	Computer Connection	602 NW 75TH ST STE C
FL	MIAMI	Emproms	660 W PARK DR # 260
FL	NORTH MIAMI	Ace Music Center	13630 W DIXIE HWY
FL	PANAMA CITY	Gulf Coast Computer Exc	674 W 23RD ST
FL	SARASOTA	Sota Computers	
		DBA ABC Electronics	3949 SAWYER RD
FL	TAMPA	Geodetic Software Mtg	5421 BEAUMONT CTR BLVD
FL	TAMPA	Thoroughbred Music	2204 E HILLSBOROUGH AVE
GA	ATLANTA	Micro Music	5353 BUFORD HWY NE
GA	ATLANTA	Rhythm City	287 E PACES FERRY RD NE
GA	CARROLLTON	Usa Computer Technology	61 MAPLE VALLEY DR
GA	GAINESVILLE	Preferred Systems	1532 PARK HILL DR
GA	ROSSVILLE	Sherrill's	516 CHICKAMAUGA AVE
HI	HONOLULU	MR SOFTWARE	3131 N NIMITZ HWY
HI	KAHULUI	Nadines Music Inc 2	251 LALO ST
ID	BOISE	Basic Computer Center	418 N ORCHARD ST
ID	IDAHO FALLS	Musical Instrument Ctr	391 W BROADWAY ST
ID	POCATELLO	Hig's Hideout	630 LEO LN
IL	ADDISON	Digital World	711 W ARMY TRAIL BLVD
IL	CHICAGO	Guitar Shack (Central)	3154 N CLARK ST
IL	CHICAGO	Jaf Dta Systems	2217 W 109TH ST
IL	CHICAGO	Software Plus	6212 N WESTERN AVE
IL	LOMBARD	Mars Merchandising	1041-B E SAINT CHARLES
IL	OAK FOREST	Financial Applications	15411 CICERO AVE
IL	PEORIA	Micro Ram Computer	3459 N UNIVERSITY ST
IL	SAINT CHARLES	COMPU-SELLER WEST	220 1/2 W MAIN ST
IL	WHEELING	Software Plus	731 W DUNDEE RD
IN	CARMEL	Computer Works	116 W CARMEL DR
IN	ELKHART	Computec	1727 W LUSHER AVE
IN	EVANSVILLE	Mid City Music Inc.	1121 N 1ST AVE
IN	EVANSVILLE	Moore Music	4200 E MORGAN AVE
IN	FORT WAYNE	Computer Corner	6720 E STATE BLVD
IN	INDIANAPOLIS	Synthesizer Music/Audio	6302 E 82ND ST
IN	RISING SUN	Data Innovations Inc	127 N FRONT ST
IN	SOUTH BEND	ADN Computer Center	3614 MISHAWAKA AVE
KS	WICHITA	Digitel Inc	1639 S MERIDIAN ST # 6
KY	HARLAN	Audio World Inc.	239 VILLAGE CTR
KY	RADCLIFF	Hi-Tech Computer	673-F KNOX BLVD
LA	METAIRIE	Software Centre	3780 VETERANS BLVD
MA	BOSTON	Syntronics Computer	466 COMMONWEALTH AVE
MA	BRAINTREE	Systems Support Corp.	106 AUDUBON AVE
MA	DANVERS	Steve's Quality Inst.	18 WATER ST
MA	HADLEY	The Computer Bug	113 RUSSELL ST
MA	MILFORD	Logic Electronics	79 PROSPECT ST
MA	NORTH ATTLEBORO	Computer Zone	28 E WASHINGTON ST
MA	SUDBURY	The Bit Bucket 2	621 BOSTON POST RD
MA	WATERTOWN	Audio Video Research	106 MAIN ST
MA	WEST NEWTON	The Bit Bucket 1	1294 WASHINGTON ST

MA	WORCESTER	Kurlan Music Center	17 E MOUNTAIN ST
MD	BALTIMORE	Home Computers Co	1055 TAYLOR AVE
MD	BALTIMORE	Rich Sound Inc.	5719 BALTIMORE NATIONAL
MD	BETHESDA	The Electronic Clinic	4916 DEL RAY AVE
MD	COLUMBIA	Delta Data Systems	7715 COLUMBIA GATEWAY DR
MD	SEVERNA PARK	Toad Computer	556 BALTIMORE ANNAPOLIS
MI	BAY CITY	Midi to Go	916 N EUCLID AVE
MI	DEARBORN	Wonderland Music 2	13519 MICHIGAN AVE
MI	EAST DETROIT	TEAM COMPUTERS	22205 KELLY RD
MI	GARDEN CITY	SOFT-HOUSE COMPUTER	32647 FORD RD
MI	MARQUETTE	Superiorland Computer	130 W WASHINGTON ST
MI	MOUNT CLEMENS	Music Box Studios	42383 GARFIELD RD
MI	OAK PARK	Wonderland Music 1	GREEN/EIGHT SHOPPING CTR
MI	OKEMOS	Skipped Disc	5100 MARSH RD
MI	WARREN	Command Computer	28630 RYAN RD
MI	WARREN	Rite Way Computers	11557 E 12 MILE RD
MN	HOPKINS	Rodger Dodger Music	154 BLAKE RD N
MN	MINNEAPOLIS	Alpha Tech Computers	2901 WAYZATA BLVD
MN	MINNETONKA	American Pro Audio	6026 BLUE CIRCLE DRIVE
MO	HAZELWOOD	Randall's Home Computer	6166 HOWDERSHELL RD
MO	KANSAS CITY	The Computer Road	7837 B WORNALL ROAD
MO	SPRINGFIELD	Computers Plus	3453 S CAMPBELL AVE
MS	BILLOXI	Coast Computers	2953 PASS ROAD
NC	ARDEN	Selective Software	47 APPIAN WAY
NC	ASHEVILLE	Computer Studio	West Gate Shopping Ctr
NC	JACKSONVILLE	Software Plus Computer	345-L WESTERN BLVD
NE	COLUMBUS	Micro Data Technology	1761 26TH AVE
NE	LINCOLN	Dietze's Music	1208 O ST
NE	LINCOLN	HOBBY TOWN	220 N 66TH ST
NE	OMAHA	Hobby Town 3	11011 ELM ST
NJ	BERLIN	Music Place	234-3 ROUTE 73
NJ	EDISON	Sam Ash Music 0	1831 ROUTE 27
NJ	HIGHSTTOWN	Computer Systems Cons.	897 US RT 130
NJ	MATAWAN	New Moon Computing	6 Ammar Dr
NJ	MATAWAN	Software Spectrum	267 MAIN ST
NJ	METUCHEN	Citadel	325 HIGH ST
NJ	NEWTON	Softec	171 SPRING ST
NJ	NORTH PLAINFIELD	Software Spectrum	386 SOMERSET ST
NJ	PARAMUS	Sam Ash Music 2	E-50 ROUTE 4
NJ	PHILLIPSBURG	David Phillips Music	377 IRWIN ST
NJ	RIDGEWOOD	Victors Music	235 FRANKLIN AVE
NM	ALAMOGORDO	Lunceford Electronics	1806 BELLAMAH DR
NV	LAS VEGAS	Software City	3980 S EASTERN AVE
NV	LAS VEGAS	Wiser Electronics	3001 E CHARLESTON BLVD
NV	RENO	Cimarron Computers	5081 S MCCARRAN BLVD
NV	SPARKS	Computer House-Accutek	155 GLENDALE AVE
NY	ALBANY	The Computer Celler	911 CENTRAL AVE
NY	CORAM	Island Software	35 MIDDLE COUNTRY RD
NY	FLUSHING	Sam Ash Music 4	113-25 QUEENS BLVD
NY	LINDENHURST	Musicland	163 N WELLWOOD AVE
NY	MANHATTEN	47th Street Photo	36 E 19TH ST
NY	MANHATTEN	Dr. Sound	142 WOOSTER ST
NY	MANHATTEN	J & R Music World	23 PARK ROW
NY	MANHATTEN	Leigh's Computers	1475 3RD AVE
NY	MANHATTEN	Mannys Music Store	156 W 48TH ST
NY	MANHATTEN	Martin Audio Video	423 W 55TH ST
NY	MANHATTEN	Sam Ash Music 3	160 W 48TH ST
NY	MANHATTEN	Village Computers	687 BROADWAY
NY	PORT JEFFERSON	Msi Service Inc.	RT 347 NESCONSET SHP CTR
NY	ROCHESTER	Brighton Sound	315 MOUNT READ BLVD

NY	ROCHESTER	House Of Guitars	645 TITUS AVE
NY	SYRACUSE	Dan Dishaw Music	2608 BELLEVUE AVE
OH	CINCINNATI	ACS	1339 SASSAFRAS ST
OH	CINCINNATI	Buddy Rogers Music	7225 MONTGOMERY RD
OH	CINCINNATI	Sylvan Enterprises	8250 WINSTON RD.
OH	COLUMBUS	Computer Success	5025 OLENTANGY RIVER RD
OH	DEFIANCE	Maumee Valley Computer	851 S CLINTON ST
OH	FAIRBORN	Absolute Music	13 W MAIN ST
OH	FINDLAY	Rosewood Music	116 S MAIN ST
OH	* MAIL ORDER *	D & P Computer Supply	ORDERS 800-535-4290
OH	LAKEWOOD	B & G Electronics Inc	15729 MADISON AVE
OH	MT VERNON	ANTHILL COMPUTERS	903 W VINE
OH	PERRYSBURG	Computer Centre	116 W SOUTH BOUNDARY ST
OH	TOLEDO	Video Computer World	2408 W LASKEY RD
OH	UTICA	Music Box	50310 VAN DYKE
OH	WEST BLOOMFIELD	Wonderland Music	33084 NORTHWESTERN
OK	OKLAHOMA CITY	Info 1 Computers	NW 50TH & PORTLAND
OK	OKLAHOMA CITY	Info 1 Computer	3703 NW 50TH ST
OK	TULSA	Firey Bros Music	4818 E 11TH ST
OK	TULSA	Shelton Computers	2823 W 64TH PL
OR	BEAVERTON	IB Computers	9244 SW BEAVERTON HILLS
PA	BRYN MAWR	Medley Music	1041 W LANCASTER AVE
PA	CARNEGIE	Music Sweet Music	1917 RAILROAD ST
PA	PHILADELPHIA	Eight St. Music	1023 ARCH ST
PA	PHILADELPHIA	Home Computer Store	12008 BUSTLETON AVE
PA	SCRANTON	Lou Cossa Music	428 LACAWANNA AVE
PA	WILKES BARRE	Computer Garden	106 W CAREY ST
RI	PAWTUCKET	Rhode Island Music	70 BROAD ST
RI	WARWICK	Software Connection	101 W NATICK RD
SC	COLUMBIA	Micro Computer Depot	224 O'NIEL CT STE 14
SC	MYRTLE BEACH	Encore Video Prods	811 MAIN ST
SC	TRAVELERS REST	Concurrent Technologies	60 OLD HIGHWAY 25
TN	KNOXVILLE	Dataworld Inc	10001 KINGSTON PIKE
TN	KNOXVILLE	Micros-To-Go/Dataworld	10001 KINGSTON PIKE
TN	OLD HICKORY	Shiloh Music	5313 LEBONON ROAD
TX	AUSTIN	Music Makers	517 B SOUTH LAMAN
TX	CORPUS CHRISTI	Sheffield's Emporium	4938 S STAPLES ST
TX	DALLAS	Brooks Mays Music Co	708 W MOCKINGBIRD LN
TX	DALLAS	Computer Discoveries	12801 MIDWAY RD STE 201
TX	DALLAS	Master Video Systems	4015 SCOTTSDALE DR
TX	EL PASO	Jenkins Computer	9348 DYER ST STE F1
TX	HALTOM CITY	Megabyte / Tops	3716 KATRINE ST
TX	HOUSTON	Megabyte Plus	5181 FM 1960 RD W
TX	HOUSTON	The Floppy Wizard	217 MEMORIAL CITY
TX	HURST	Megabyte Computers	907 MELBOURNE RD
TX	ROUND ROCK	AB Computer	1732 N MAYS ST
TX	SAN ANTONIO	Blunk Enterprises	1015 W HILABRAND
TX	SAN ANTONIO	International Computer	3010 BEACON FLD
TX	WEBSTER	Megabyte Computer	109 W BAY AREA BLVD
UT	MURRAY	J & J Computers	250 E 6400 S
UT	SAINT GEORGE	Bits & Bytes	443 N BLUFF ST
UT	SALT LAKE CITY	Armadillo Bros.	753 E 3300 S
VA	FAIRFAX	H & T Computer Service	5401 ASHLEIGH RD # 3712
VA	WOODBRIDGE	L & Y Electronics	13644-C JEFFERSON DAVIS
WA	BELLEVUE	Xanth Corporation	14100 NE 20TH ST STE 105
WA	BLAINE	Infinite Grafix	816 PEACE PORTAL DR
WA	FEDERAL WAY	Butlers Computer	28717 PACIFIC HWY S
WI	APPLETON	Kamtech Computer	1004 S OLDE ONEIDA ST
WI	MIDDLETON	Regenberg Music & Pro	6615 UNIVERSITY AVE
WI	NEW BERLIN	Cascio Music	13819 W NATIONAL AVE

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WI    OSHKOSH         Wisconsin Instrument    3196 N MAIN ST
ON    Hamilton        PC ENTERPRISES          35 Mount Royal Ave
AB    CALGARY         COMPUTER SHOP/CALGARY   3515-18 STREET SW
BC    Smithers        High Road Computers     1283 Main St
ON    GLOUCESTER      Ali Computers           1158 OGILVIE RD
ON    Toronto         Compustore Ltd.         71 MCCAUL ST
ON    Toronto         Savetech                504 Youngstreet
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=======================================================================
* Z*NET UK UPDATE                                        by Mick Jarvis
=======================================================================
```

THE LARGEST ATARI USERS CLUB IN THE UK
The ST Club, based in Nottingham has a collection of 2000 PD and
shareware disks. The clubs newsletter,'ST Applications', has 3500
subscribers. Each monthly issue runs to at least 60 A4 pages. To the
best of my knowledge it is the only publication available for the more
serious Atari users. As there seems to be no end in sight to the 17
months the UK has been in recession, it's nice to see that the ST club
has recently moved to larger premises and halved the price of their PD/
Shareware to ensure continued success.

JEFF MINTER PROVES SHAREWARE CAN PAY
Jeff, knowing it is now virtually impossible for a small independent
developer to market games without the help of the larger companies,
released a shoot'em'up called Llamatron on the cover disk of Britain's
best selling Atari magazine. The game was released as an experiment, to
determine whether it would pay him to release more shareware using the
same method. If you like the game you send Jeff five pounds, and in
return he sends you a poster, news letter and a complete copy of Andes
attack, which was originally released in 1988, good eh?.

Seven months after Llamatron was released Revenge Of The Mutant Camels
appears, again on a cover disk, it's another shoot'em'up from Jeff
Minter. The text file with Revenge is over 30k long and explains that
Llamatron registrations are still coming in from all over the globe!.

I don't know how much Jeff has received, but he now accepts Visa and
Mastercard and includes a contact telephone number.


```
=======================================================================
* PERUSING GENIE                                    Compiled by Ed Krimen
=======================================================================
```

-=> In the "Codehead Software" category (32)
-=> from the "Quick ST 3 - Now A CodeHead Product!" topic (31)

Message 275   Mon Feb 17, 1992
J.EIDSVOOG1 [CodeHead]   at 06:08 EST

We thank everyone for the bug reports about earlier versions of Quick

ST. I'd recommend at this point that everyone just hold on, wait a
little longer, and get our first upgrade, 3.5.

The CodeHead Quick ST 3.5 has been quite thoroughly revamped and so much
has changed that there's not much point in us hearing any more bug
reports about the old version that now seems quite foreign to us. Our
beta-testers are doing a very thorough job of putting 3.5 through the
mill.

As of today, virtually every known bug has been squashed and we are now
turning toward writing the manual. It could be ready in as little as
two weeks. Thank you for your patience.

John
""

-=> In the "Atari Corporation Online" category (14)
-=> from the "Atari's New TOS 2.06" topic (8)

Message 218   Mon Feb 17, 1992
J.EIDSVOOG1 [CodeHead]   at 06:05 EST

I consider the 40-folder limitation to be a bug in the earlier versions
of TOS because of the way the system handled (didn't handle) an
overflow. But in TOS 1.04, the problem was addressed, the memory pool
expanded, and shared more efficiently between memory allocations and
folders.

The so-called 40-folder bug is now simply a matter of memory allocation.
If your system requires a lot of folders/mallocs, you should use
FOLDRxxx.PRG. If not, you don't need to use it.

It is a system configuration, NOT a bug.

It provides a dynamic solution to a problem. The other solution would
be for GEMDOS to simply grab about 100K of your memory and not allow you
to use it for anything else. Even then, there might be some users that
would overrun the limit and cry "bug".

Instead, Atari has provided a solution which allows those who don't need
the folder allocations to put the memory to other uses. If you folks
want to call this a bug, then so be it. I prefer to thank Atari for
their insight in this matter.

John
""

-=> In the "Software Library and Other Utilities" category (2)
-=> from the "NewDesk Icon Editor CPX" topic (39)

Message 52   Sat Feb 15, 1992
S.SANDERS2 [SDS]   at 13:48 EST

I have to admit I hated the first GDOS. Fonts were much too limited, but
IMHO, FSM GDOS could be a boost software-wise for the Atari realm. No
more searching for a printer driver, just program with FSM. The fonts
look great and it's not really as slow or troublesome as some people
have reported.

SDS is working on several new products that use GDOS. I know its a

gamble but my goal is to make GDOS transparent. (In other words, make
my programs run so well under GDOS, and with little hassle, that no one
can complain.) Right now .XIC Print uses GDOS and so does our new
Envelope Printer from the Printer Utilities Pak. I'm also starting an
FSM GDOS Label Printer (something like Avery Laser LabelPro for the ST)
and I'll be doing an FSM form designer in the summer. I will keep
bitmap compatibility in all of these products.

-Scott @ SDS Member IAAD
"""

-=> In the "Programmers and Programming Software Discussions" cat (3)
-=> from the "Ask _ANY_ Programming Question" topic (31)

Message 83   Mon Feb 17, 1992
TOWNS [John@Atari]   at 02:24 EST

I don't know if this makes any difference to you, but Atari purchased
Lattice kits for each one of the people in the TOS Group. Alot of us
are already using Lattice C v5 for our development (I use it for
everything) and others will be moving over soon.

One of our goals: TOS compiled with 030 code using Lattice C v5.

  -- John
"""

-=> In the "Lynx - The Game Machine" category (36)
-=> from the "The Atari Jaguar - 32 bit gaming power" topic (20)

Message 311   Thu Feb 13, 1992
B.KING8 [Brien King]   at 21:49 EST

Vidiot -

I'll put the STE/TT Sound Chip up against Sound Blaster _ANY_ DAY.. I'm
not talking the Yamaha Chip, I'm talking about the 8-Bit PCM Stereo
Sound DMA Chip. I have done some samples on the TT with STEreo Replay
that would knock your socks off. IMHO Sound Blaster still sounds too
Synthy and doesn't have anywhere near the BASS the STE/TT Sound Chip
has. I Use a 386/33 with Sound Blaster Pro, so I know what it can do
and what it sounds like.

Brien King
"""

-=> In the "Atari Corporation Online" category (14)
-=> from the "Dealer Information" topic (2)

Message 133   Sat Feb 15, 1992
R.NOAK   at 14:57 EST

Bob,

I really have hand it to you and Bill Rehbock! Before the two of you
joined Atari, things appeared pretty dismal. Now, through your combined
efforts, we have a lot of great new software, we're seeing the Atari
logo on TV, movies, etc., print ads are appearing, and, well, hearing
the news about CompUSA has really made my day! I hope it comes to
fruition.

I was thinking the other day that I can't think of another computer
company that has so many _enthusiasts_ in key positions. The good part
is all of you were _Atari_ enthusiasts before you even joined the
company. Believe me, that enthusiasm really shows (at least to this
user)! All I can do is echo Jim Allen....

GO ATARI!!!!!!!!
Randy @ Southlake, Inc.
""

(MIDI/WorldMusic Roundtable)
-=> In the "MIDI Software and Hardware - Atari ST" category (3)
-=> from the "General ST/MIDI Musings" topic (6)

Message 330   Fri Feb 14, 1992
M.MASTALER [Mike]   at 02:25 EST

Just got my new 14" mono monitor today (SM147). It's great! It's a
flat non-glare screen. actual dimensions are; 12" diag., 71/2 high and
9 3/8 wide. It doesn't sound big, but it sure is. I use Notator
sequencing program and it looks fantastic > List is $259; street
210-225. It has a tilted swiveling base. But it has NO SPEAKER. I
love it.   Mike
""

-=> In the "Atari Corporation Online" category (14)
-=> from the "Atari Explorer" topic (30)

Message 151   Tue Feb 18, 1992
MJANSEN [Mark]   at 04:20 EST

I have a STacy, which is great when I'm going to be out of town for a
while, and just don't want to bother un-hooking and packing my regular
system for the trip. And yes, the backlit screen can be nice.

I've had the opportunity to use an ST Book for a little while now, and
after an adjustment period (the Vector Pad calls for a different
technique from other mouse substitutes, for example) I'm having a great
time. There are places I'll take the ST Book I would never have taken
a computer before -- I can throw it in my briefcase and lug it to the
library, fire up the word processor of my choice, and work on an article
right there.

I mean, this thing is SMALL. Long ago, I used a Tandy 102, which I never
much cared for, but it was small, and ran a while on its batteries. I
lived with its limitations because of its size. I'm not positive about
this, but I'm pretty sure the ST Book is SMALLER. And when it's closed,
it's easier to throw in a briefcase than the 102, because the keyboard
is concealed, etc.

AND it's a full-fledged ST, that runs about ten hours on a charge. I've
been using the machine off and on all weekend, and have yet to recharge
the battery. That's very important. Don't get me wrong -- I'm not
arguing with those of you who want a back light; those comments are being
passed along and heard -- but for me, I'll take the longer battery life,
and I think there is a fair number of people who will appreciate that,
too.

As I understand it from Tracy, there wasn't a really good compromise

screen that worked well with AND without backlighting. The decision had
to be made one way or another. Obviously, the decision for now is to go
without a back light, go for long battery life (keep in mind a back light
could have HALVED the ST Book's battery life) and let those who work in
low-light conditions to choose their own additional lighting.

Again, this isn't a flame, just my opinion and a little additional
background. I hope you found the article interesting; among other
things, I wanted to show that the design decisions were exactly that --
decisions. They were researched, thought about, and decided. And the
result, a less-than 5 lb. portable ST with a ten-hour battery life, is
pretty cool.

And thanks for the comments. I appreciate the feedback from readers and
customers.

Mark Jansen

Message 154   Tue Feb 18, 1992
MJANSEN [Mark]   at 18:31 EST

I was talking with Tracy Hall, designer of the ST Book, and I have a
correction to my earlier message -- adding a back light to the ST Book
would not halve the battery life. It would reduce it by _five sixths_!
The ST Book uses about one Watt on average, and the best back light
system he's found uses five Watts, bringing the system total to six
Watts.

In other words, you'd increase power usage sixfold! Further, you'd
have to use the back light if you had it, because (I also verified with
him) there aren't LCD screens that work well both backlit and unlit --
it's one way or another.

Tracy would be "thrilled" to find a backlighting system that uses far
less power -- if you can help him make the product better, he'd love it.

Mark

Message 155   Tue Feb 18, 1992
TOWNS [John@Atari]   at 20:31 EST

BTW.. I was there when Mark discussed the back light suggestions that we
have been seeing here. From what Tracy told me, there are some
"gooseneck" lighting solutions in the works from some third party
developers.

As for the suggestions about adding Backlighting to a future model of
the STBook, the suggestions have been noted and we will consider them in
the future plans of the STBook computer. (In other words, if and when
we decide to add the STBook family, we will definitely consider your
suggestions!)

-- John Townsend, Atari Corp.
"""""""""""""""""""""""""""""""""""""""

-=> In the "Atari TT" category (28)
-=> from the "ATX - Unix for the Atari TT" topic (3)

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Message 98        Wed Feb 12, 1992
J.ROY18 [Jonathan]         at 01:39 EST

Well, there's a TT040 in the pipeline. Any info on it?
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Message 99        Wed Feb 12, 1992
TOWNS [John@Atari]         at 01:46 EST

Nope.
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Message 100       Wed Feb 12, 1992
C.KEITH2                   at 21:03 EST

Does anyone know what would be involved in either hardware or software,
to replace a 68030 with a 68040.  Seems the increased microprocessor
power alone would make a big difference.
----------


Message 101       Wed Feb 12, 1992
G.RICHARDSO1 [George]      at 21:11 EST

Motorola has an application note on replacing an '030 with an '040.  I
haven't been able to figure out exactly how many chips are involved yet,
but there are a *LOT*. Dozens, from the look of it.

George Richardson
Merlin Group, Inc.

P.S. There just aren't enough TTs in the world to make it worthwhile.
""""""""""""""""""""""""""""""""""""""""


-=> In the "Atari Corporation Online" category (14)
-=> from the "Atari Laser Printers (SLM804 & SLM605)" topic (11)

Message 196       Wed Feb 12, 1992
J.TRAUTSCHOL [jtrautschold]  at 23:05 EST

Speaking of toner for the SLM605...I recently needed to purchase some,
and after getting the "generic" part number from Atari, decided to do a
little shopping around.  I found what can only be described as a "best
buy" (for you Consumer Reports fans) for $13.30 each!  If you've got an
Office Max nearby, check 'em out.  Excellent prices!

BTW, I was a bit concerned that I might be getting some junk at that
price, but so far the quality of the output has been excellent.  Here
are the specifics on what you need to buy for the 605:

TEC LB-1305  (TEC is the name of the original manufacturer of the laser
engine inside the 605.  LB-1305 is the toner cartridge number.)

What I purchased at Office Max was a "Pelikan" brand replacement
cartridge for the TEX LB-1305, model number 9191.  It's in a blue and
gold box.

John T.
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""""""""""""""""""""""""""""""""""""""""
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========================================================================
* PERUSING COMPUSERVE                             by Michael D. Mortilla
========================================================================
                            * NEW COLUMN *


 "In creating, the only hard thing's to begin;
   A grass-blade's no easier to make than an oak."
        James R. Lowell, from A Fable for Critics [1848]



With great pride and even greater fear, I agreed to begin a weekly
column for ZNET.  My "beat" is the Atari forums and related areas on
CompuServe.  It might seem an insignificant task since almost everyone
seems to be using Macs or IBMs these days.  Insignificant, that is,
until one takes the time to really search what's available for Atari
computers on CIS.

Between the Atari Productivity, Arts, Vendor, 8-Bit and Portfolio
forums, there are about 170 library and message areas.  Each of these
areas has dozens (in some cases hundreds!) of files and messages.
Fortunately, the ATARIFF (Atari File Finder) lets you search the
libraries in a number of ways.  As for the message areas, it still "get
in there and dig."  Anyway, "reviewing" even a week of activity in the
Atari area can be an intensive activity.  Without a doubt, there is both
useful and useless information to be found.  This column will try and
decipher the most useful and interesting information of the week, as
well as to bring other Atari/Compuserve news to your electronic
doorstep.

In the Ataripro forum this week, new file uploads include:

SPBT74.LZH/Bin
 Super Boot V7.4 -- Lets you select which desk accessories, auto
 programs, and DESKTOP.INF file to use.  Set the date, time, write
 verify, and more.  Lets you select GEM programs to autoboot.  Use
 function keys to select commonly used sets of files.  Password
 protection of your hard drive. Graphic Welcome Screen & digitized
 sound.  NEW: Bug fixes - Fixes default configuration bug, should now
 work in TT High Rez, works better on large screen monitors.  ARCHIVED
 WITH LZH201I.

MTALK.LZH/Bin
 MicroTalk Online  reader/reply for Qmail for the PC & Turbo Board ST or
 Maxidoor for Forem.  Message bases chosen are scanned on the BBS,
 compressed and after downloading, the prepared QWK packet can be read
 and replied to offline.  All mail is inserted in its proper order on
 the BBS.  This reader is FULL GEM and feature packed.  It has multi-
 windows for switching message bases,  user defined Macros, text block
 commands, Clipboard, full mouse or keyboard operation and much more.

MSEBT.LZH/Bin
 Mouse Boot is a sophisticated Boot-up configuration program that is
 second to none.  It has all the features of the "High-Priced" spread
 and then some.  Unique to Mouse Boot is the revolutionary graphic
 interface.  Its totally awesome.  Works in ANY resolution and is, by
 far, the most eye pleasing presentation to date.  This work is
 shareware, not crippleware, everything works just the way it was
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planned. No "on-purpose" inconveniences. Try this fine program,
you'll definitely use it.

VENDOR.ARC/Bin
 This ARC contains the VENDOR.ACC program which accesses a datafile
 which contains name, address, phone, and CIS user ID info for software
 and hardware vendors that service the Atari community. Look for future
 updates to the VENDOR.DAT file which will be available on CompuServe.
 Initial VENDOR.DAT and brief docs included.

ARGSHL.LZH/Bin
 ARCGSHELL version 4.1 A GEM shell for Zoo2.10, various Lzh'ers, arc602,
 shar, tar, compress uud and uue. Docs are in english and german TEX
 format. Requires various archivers only the shell and docs included.

STINIT.LZH/Bin
 STinit VER 3.4 - is a "Superboot" type program - but much more easy to
 use - when placed in your auto folder allow you to configure your All
 shareware and another great UK UPLO!!!!!

QCTEST.LZH/Bin
 Some minor changes, and the additional feature of being able to use
 other downloader modules than those listed in the configuration area.
 This is a beta version of QuickCIS, and is intended for experienced
 QuickCIS users who wish to help test the new version. No docs are
 included.

KA9QS.ARC/Bin
 C source code for the KA9Q software. KA9Q allows you to use your ST to
 connect to Internet, telnet to remote systems, use FTP to transfer
 files and lots more. Contained in this archive are modules for FTP,
 TELNET, TCP/IP, SLIP, SLFP, KISS protocols and much more. A great
 resource for anyone trying to write software to interface to the
 Internet.

KA9QP.ARC/Bin
 This archive contains the NET.TOS program and other files needed to run
 the KA9Q Internet networking software on the Atari ST. Be sure to read
 the README.1ST file in this archive for important information on
 setting up/configuring the software. Also, download KA9QD.ARC for the
 documentation for KA9Q. If you're interested in the C source code,
 it's contained in the file KA9QS.ARC.

Happy netting!

KA9QD.ARC/Bin
 Documentation for the KA9Q package that allows connecting your ST to
 the Internet. This archive includes a very good introduction to the
 Internet and gives definitions for all the buzzwords like KISS, TCP/IP,
 FTP, TELNET and more. Download this archive only if you also get
 KA9QP.ARC, unless you want to see what the software offers before
 downloading the actual programs.

MSHLV1.ZIP/Bin
 Mac Shell DOS GUI replacement for IBM computers! Use if you have one
 of the IBM emulators (or a real IBM) with EGA or better and a 286' or
 better. This desktop replaces all those long typewritten commands. If
 you have an ST you'll appreciated this desktop! Demo is limited to 15
 minutes of use. IBM only!!! (It's just like an ST or Mac desktop '

SPRCRD.LZH/Bin
 SuperCard 1.3, a flexible shareware database from the UK. Lots of
 options. Works on an "index card" kind of principal. Records are held
 in memory, so program searches and such as very fast. Great program
 from B.Ware.

MRCURY.ARC/Bin
 Mercury UUCP mailer package for the Atari. If you're interested in
 setting up an Internet mail site on your ST, this is the package you've
 been waiting for. Shareware from Germany, but the program and docs are
 all in English (German docs included, too!).

GS23DI.ZOO/Bin
 This file contains ST-specific source code (in 'C') for the printer and
 screen drivers used by Ghostscript. A fully functional executable of
 Ghostscript can be found in GS23B.ZOO. Full sources for Ghostscript
 are available in the UNIX forum. Ghostscript is an offering from the
 Free Software Foundation.

GS23B.ZOO/Bin
 Ghostscript is an interpreted language very close to Postscript. This
 is a Free Software Foundation (GNU) offering. This file contains the
 docs, the GS executable and some Postscript(TM) demos. ST-specific
 source code for the printer and screen drivers can be found in file
 GS23DIFF.ZOO. The complete sources are available in the UNIX forum
 libraries. Reposted from Internet.

FREE.TXT/Asc
 Atari Advantage Magazine is offering free advertising for a limited
 time. Read this text file if you'd like to know more.

(NOTE: Comments on the above files are by the respective uploaders.)

Not bad for starters! The IBM file reminds me of a comment made by a
colleague this week. He runs a recording studio for a large university
and they switched from ST to Mac about a year ago. I asked how it was
working and he said he was dealing with one system crash after another!
We finally decided that what he needed was an Atari emulation program
for his Mac!

Well it seems that I wasn't the only one chatting about Atari this week.
In the message section of the Ataripro forum, there were a number of
interesting discussions going on (as usual):

Under the title of "Sixteen-Thirty two?" there was some dialogue
concerning source code, machine language, assembly, assemblers,
compilers, and ..."de-compilers"! Not exactly for the "turn-it-on-and
-go" crowd, but even non-programmer types could follow this discussion
intelligently. Thanks for not leaving us "end-users" in the dust!

With the advent of the laser printer, it has become a bit of a problem
to simply "print" the screen from the Atari computer. Dumping an ASCII
file is easy enough, provided you have a driver loaded to match your
printer. But try and dump a "snapshot" of your screen (ALT-HELP) and
you're bound to get pages and pages of "one-liners." Not as funny as
when Henny Youngman delivers them! Anyway, the trick is to dump the
screen as a pic file of some sort and print it out in your DTP or
painting prog. "Boris" tells me that a DEGAS driver could replace the
ALT-HELP code and he thinks that there is a PD one sitting on CIS just
waiting to be downloaded. Hmmmmm... We'll see.

The Ataripro message area was the stage of a true-to-life detective
story this week. A member requested help in locating a call tracing
device. It seems a friend's child had been kidnapped and there were
"hang-up" calls to the house. He found the device but the service was
not offered by his phone company! The phone company could put a "trap"
on the line, couldn't they?

Our own Ron Luks posted message #57000! He won a new car, a date with
Vanna White and a million dollars!!! Too bad he had to forfeit it all.
He did end up with a copy of the Atari Explorer and rumor has it he'll
be billed for the taxes on the other prizes. As far as the date goes,
he may have a shot on Oprah or Grosso Revolto's show. :->

Bill Aycock has been staying up late, updating has CAL program. It now
does EVERYTHING! We've even heard it can be programmed to "forget" to
tell you when to mow the lawn. A great time saver. All kidding aside,
the new features really do allow you to do some amazing things with
dates (previous paragraph excepted).

There were the usual help-my-dog-ate-my-computer (and visa-versa) type
questions in Ataripro this week, including a detailed discussion of "E"
and "Y" cables, replete with diagrams in ACSII. We also hear from a
member that a TEAC disk drive (#FD235HF-201) will work in an ST. The
ribbon cable needs to be turned 180 degrees, and it will only format to
720K, but at $58 US, who can complain?

And speaking of complaints, there was some talk in the forum this week
about NexT, GUI, Mac (et al) and how they compare to the Atari. One
member gave up his Mac classic and won't trade away his Atari for
nothin'. (Good move!) Another member reports seeing some press in Canada
about Atari having one of the top rated desktops available. That's no
surprise to us, although it may be a surprise to US. And finally from
the Ataripro forum, several members were spotted drooling over TTs at
the closest dealership. We only hope they'll get a protective cover for
the keyboard when they finally get to own one of these.

The Atariven forum had the usual messages to and from vendors and users
alike. There were lengthy discussions on laser printers of all types
and their use with Atari computers. It was interesting to learn that
the Atari SLM printer has no memory! Not only is this useful in a court
of law, but it speeds up printing as the ram in your Atari is accessed.
That means you don't have to wait while the computer downloads the fonts
and document, but... you need lots of ram to do any serious DTP work.
Most members who were in on this discussion seemed to lean toward the HP
series of printers for the best quality. But waiting for that "big"
document can sure slow things down. What's a body to do?

Vendors fielded many questions on fonts, bezier curves, laser printers,
you name it! ICD, Gribnif, Lexicor, Soft-Logik, Double Click, Gadgets By
Small, Supra and CodeHead are represented. Several new games, including
a Camel-Shoot-Em-Up, were posted in the Atariarts forum this week.
Also, some new pics and a number of songs for the MT-32.

Well, that's the report on CompuServe/Atari this week. Just a reminder
that the MIDIMUSIC forum has an Atari message and library area! C'ya
NexT week.

```
========================================================================
* PERUSING THE INTERNET (Atari ST)           Compiled by Bruce Hansford
========================================================================


Date: 13 Jan 92 01:38:48 GMT
>From: ....maxwell.oac.uci.edu!jvance@rutgers.rutgers.edu
Subject: Current TOS version?

cjd@zatch.Corp.Sun.COM writes:
> I am planning on resurrecting a rather old 520ST (yep, only 512K), but
> since I have very old ROM's in there I was curious as to the current
> level of TOS the latest which will run on a 520, if that makes a
> difference; plus what's change dramatically in the last few years...

TOS is up to 2.06 and 3.06 in the MegaSTE and TT respectively.  TOS 1.4
(also know as Rainbow TOS) is the most recent version that will plug
directly into your old 520 and is quite an improvement over TOS 1.0
(Though 'improvement' is relative for most).  The visible changes
include:

-  New file selector
-  Move files and folders with <Control> key
-  Skip a file during copy
-  Abort group copy, move and delete operations
-  MS-DOS Compatible Floppy Disk formatting
-  New copy disk<->disk utility
-  Can change folder name
-  Warm boot and Cold boot resets via key commands
-  can install Auto-Boot application
-  Install Application works correctly (You can reinstall applications)

Non Visible Changes include
-  Much faster disk operation (hard disk too)
-  the built in cache works (use cacheXXX.prg)
-  essentially removed the 40 Folder bug (includes removed malloc bug)
-  BIOS-devicedrivers now work through pointers behind the system
    variables
-  The Clipboard routines work
... + many other bugs fixed

TOS 1.4 is sold at a retail price of $99 but can be found as low as $60
(you can install them yourself or have them installed.)

There may be *many* used sets of TOS 1.4 after the following:

CodeHead Software recently announced the TEC, a TOS Extension Card
developed by the german company Artifex, that allows you to plug TOS
2.06 into 520, 1040, and Mega STs. (Tos 2.06 will plug directly into
STEs).  It's said to be compatible with any existing upgrades like ram
boards, 16mhz boards, etc.

TOS 2.06 is a *very* large improvement over TOS 1.4 even.  The most
visible change is a new desktop, which contains features not much unlike
NeoDesk's plus a few more, yet it is all in ROM.

Some of the features of the TOS 2.06 desktop (from press release):

o Programs, files, and folders can be placed directly on the desktop and
  started with a double click.
```

o Up to 20 programs or documents can be assigned to the ST's function
  keys and started with a single keypress.

o Data files can be "dragged" and dropped on program files, which starts
  the program and automatically loads the document! Some programs even
  support multiple document files in this manner.

o Each file on your disk can have its own unique icon, or you can use a
  common icon type for each type of file. New icons can be created and
  added to the system.

o Keyboard commands for almost everything! And not only can you control
  the new desktop with the keyboard (as well as the mouse), you can also
  redefine any of the key commands to suit your own tastes!

o A powerful file search function, that lets you find and select files
  that match your specified criteria.

o Window management is considerably enhanced; scrolling has been sped
  up, and selected files can remain selected even if you scroll the
  window to a different area of the file list.

o Up to seven desktop windows can be open at once, and you can open
  directory windows with simple key presses -- even change a window to
  show a different drive without closing and reopening it.

o The "View" menu now has an "unsorted" option, for showing the actual
  order of files and folders in a directory.

o Any character in the "upper half" of the ST's font can be typed in by
  holding the Alternate key and typing its ASCII number on the numeric
  keypad.

o Many of the special functions of the desktop (like copying, renaming,
  etc.) can now operate in "batch mode", to let you quickly rename or
  show info for a group of selected files, for example.

o The bootup sequence now includes a graphic display of the Atari Fuji
  logo, and a memory test, and a configurable bootup delay that allows
  hard drives time to power up. It's also possible to bypass the AUTO
  folder entirely by holding Control during bootup.

o Internal changes in the TOS program code result in very noticeable
  performance improvements in many areas.

o ...and of course, lots more. This list barely shows the tip of the
  iceberg, in fact.

The card is 2.5 by 2.5 inches and would require some soldering of
jumpers and such to be installed in your 520 because the new TOS is
located at a different address. They also have a no solder version for
Megas and one for ST's with a socketed 68000.

The TEC with TOS 2.06 and a disk of utilities costs $139 direct from
CodeHead. I think the no solder version is $155. I think they just
started shipping it two days ago. And I don't doubt that they will sell
every single one they can get their hands on. Apparently, they've
already taken advance orders well above the total number of any single
piece of software they've sold so far. CodeHead can be reached at (213)

386-5735.

Supposedly one could install a switch between TOS 1.4 and TOS 2.06 for
compatibility with programs that won't run under the new TOS. You would
also likely find some of your old software wouldn't work under TOS 1.4
but not much. Most if not all new software runs under, or sometimes
requires at least TOS 1.4 (and I would assume would work with TOS 2.06
as well.)

I would recommend at least an upgrade to TOS 1.4 just so that you are
compatible with most new commercial and non-commercial software coming
out. I would guess that you will be able to find very good deals on
used TOS 1.4 chips in the next few weeks.

You might try a ram upgrade while you are at it or even a processor
accelerator if you have the money. I started with an original 520 ST
with TOS on disk! It works great with 2.5 meg and TOS 1.4 now (and
maybe TOS 2.06 soon :). I would guess that 4meg TOS 1.4 520 STs are not
too uncommon. If you go for the ram upgrade, get one that uses simms.
(seems the way to go)

Joachim Vance

I am antisesquipedalian--Opposed to the use of long words.
/\/\/\/\/\/\/\/\/\/\/\

Date: 14 Jan 92 08:51:52 GMT
>From: mcsun!uknet!edcastle!hwcs!neil@uunet.uu.net (Neil Forsyth)
Subject: STBook (Notebook computer)

trh@atari.uucp (T R Hall) writes:
> Incidently, we _*STRONGLY*_ recommend that future software products
> use the industry-standard _PARALLEL PORT_ dongles, which would save
> you having to re-invent security algorithms, etc. Using the cartridge
> port for such things is not a particularly good engineering practice,
> and forces us to maintain an "old-technology" port for a long time.

This is from a company that made the cartridge port read only. That put
the ST joystick ports in such an inaccessible place that most Dshells
won't fit (and did the same with the extra STE ports). That uses non-
standard DIN and DB connectors on its floppy, video and hard disk ports.

Nothing personal Tracey (sp?) but it's been building up.

! DISCLAIMER:
 Unless otherwise stated, the above comments are entirely my own !

! Neil Forsyth
/\/\/\/\/\/\/\/\/\/\/\

Date: Tue, 14 Jan 1992 11:50 EST
>From: CSULLOGG@crl.aecl.ca
Subject: Commodore monitor on an STE

All I did for a friend was run a two wire cable from her STE to her
Commodore monitor. One line was the ground, the other for the composite
video signal from the STE. Work fine so I picked up a DIN plug from
Atari and made a reasonably durable cable. That's all there was to it!

Re: the netter who posted info about Atari and non-standard connectors,

many manufacturers do the same; What about the connectors on a Mac - not
exactly industry standard. Hey, give Atari a break sometimes. It gets
REALLY tiring reading every conceivable gripe. Hey, I was pissed off
when Atari did not release the LYNX in the colours of the real live
beasty LYNX (yeah, really???).
/\/\/\/\/\/\/\/\/\/\/\/\

Date: 17 Jan 92 17:22:48 GMT
>From: math.fu-berlin.de!mailgzrz!w350zrz!subiaagb@uunet.uu.net
Subject: How do I add icons to icon "library"?

(Mark Miller) writes:
|> I have a Mega STe and I've heard it is possible to add icons to its
|> "library," so that I could install them on files. Is there a program
|> available to edit/create icons, and then saved to some "library"? By
|> the way, is the file that stores the icon shapes called DESKICON.RSC?

You've heard right! It is possible to add more icons. Didn't you see
the files DESKICON.RSC and DESKICON.DFN? (I have a German version of a
Mega STE and they exist) I added many new icons: tc, shell, arc,
ibm-exe, img ...

To do so you need one or two things:

A resource construction set with built in icon editor or an extra icon
editor which can create data in the format that your own RCS requires.
I use DRI RCS 2.0 and a PD - icon editor. DRI RCS requires data in
C-code.

If you've added icons to deskicon.rsc you can install them after a
reboot by clicking on (I don't know your desktop) 'install icon'(?),
typing the name of your programs (like "*.c") and clicking up or down
arrow until the new icon occurs.

But note:

The file deskicon.rsc can be max. 64k large, be sparingly using this
feature.
/\/\/\/\/\/\/\/\/\/\/\/\

Date: 20 Jan 92 06:19:56 GMT
>From: noao!ncar!asuvax!cs.utexas.edu!usc!apple!portal!atari!
kbad@arizona.edu (Ken Badertscher)
Subject: What to do?

(Keith Sommerville) writes:
|> [...] the label on the bottom of the TT says 8Mb/40Mb.
|> [...] However, looking at it with ICD software revealed that it was a
|> 48.5 meg drive. Why do Atari hide something like that, or is it just
|> a one one off?

I confess!

It's a conspiracy by Atari to steal 8.5 megabytes from you.

You caught us red handed. Boy, it's a good thing those nice ICD people
are around, or Atari could have stolen millions of megabytes from TT
hard disks all over the world. Darn them, anyhow. That rat Tom Harker
is always fouling things up for us by making easy-to-use powerful
peripherals. We tried putting him out of business with a bizarre high-

capacity hard disk scheme, but he just figured out what BGM meant
anyhow.

Now our plot to keep 8.5 megabytes of each ST157N we sell is foiled.
Geeze, we can't get away with anything any more, can we?

   ...ken

p.s. I think if you check again, you'll find that the TTs sold with
ST157N 48 meg drives are partitioned 12 megabytes per partition. If
not, just use HDX to repartition 'em. The default partition size for
the ST157N is 12 meg plus a bit.
--
   ||| Ken Badertscher (ames!atari!kbad)
   ||| Atari Corp. System Software Engine
  / | \ #include <disclaimer>
/\/\/\/\/\/\/\/\/\/\/\/\

Date: 21 Jan 92 16:41:40 GMT
>From: mcsun!unido!news.uni-bielefeld.de!techfak.uni-bielefeld.de!
 itschere@uunet.uu.net (Torsten Scherer)
Subject: VORTEX ATonce 386SX for MSTE's

Hi there,

according to the numerous postings about PC emulations on Ataris, I'd
like to tell everybody who's interested some facts about the

VORTEX - ATonce 386SX

It's true that it exists, cause I own one. But it's only for use with
the MEGA-ST/E, since it is plugged in the PLCC socket of the 68000, and
all of the other Ataris have DIP CPU's. Perhaps there is something like
an adaptor on the market, but I don't know.

Some facts :

- 32 bit CPU 80C386SX-16MHz
- optional 80C387SX-16 coprocessor
- optional 512Kb fast-ram
- uses internal MSTE-cache
- can use DD and HD floppy drives (theoretically)

Some data :

- Several graphic emulations like when using a color or monochrome
  monitor
 CGA - 640*200 (2)
       320*200 (4)
 when using monochrome monitor
 HGC - 720*348 (2)
 OLI - 640*400 (2)
 EGA - 640*350 (2)
 VGA - 640*480 (2)

- in the last two resolutions you can only have 640KB of base memory,
  all the others can provide 704K base memory
- emulates serial mouse on com1: or com2:
- emulates centronics printer on lpt1:
- every ram above 1 meg is used as extended memory

There may be several thing said, but I'd only like to say a few important facts. The graphic emulation is of cource the biggest disadvantage. The EGAmono and Olivetti modes can simply not be detected. If you try driver=detect in turbo for example, CGA is reported. But if you ignore this report, it works well. Sadly, most programs check the hardware before using it, so some programs refuse to run. The VGAmono solution works correctly as MCGA 640*480 (2) mode and can be used. Windows 3.0 runs not only in protected (standard) mode, but also in extended 386 mode including virtual memory and things like there. The performance is due to the original MSTE-harddisk not so fast, but bearable.

Some performance information:

	without	with	FastRam
Norton SI4.5	12.3	15.7	
PCTools 4.2	330%	510%	

Now what is FastRam? Well, since the MSTE works as a 8MHz system, but the CPU runs with 16MHZ, it had to be slowed down (waitstates etc.). The Atonce 386SX uses the internal MSTE-cache and is therefore faster than other emulators on ST's. You can buy the additional fastram, which can be fitted in four sockets on the emulator and then completely replaces the lowest 512KBytes of memory, thus making the whole system another bit more faster. I think this is the absolute maximum in emulation performance for ST's that is and will be.

The prices:

 Vortex Atonce 386SX : ca. 700 DM = 450 US$

The additional FastRam needn't be bought at Vortex, since standard chips 4*256Kbit-70ns are used and costs about 50 DM = 30 US$.

The complete ST-ram can be used as extended memory. It is said that you can also configure it as expanded memory and there is a driver included, but this is not LIM4.0 compatible and therefore not widely accepted by programs. It'd like to say that the expanded memory doesn't work, but when using windows for example, that's not necessary.

The whole hardware is emulated quite good. It's funny to see several diagnostic programs reporting all these AT-chips working correctly, and knowing they're not even present.

I'm sorry, but I can't exactly remember the address, but I've seen it was already posted in the last days, so have a look in magazines or other postings. It goes somehow like this:

Vortex
Computersysteme GmbH
Falterstrasse X
D-W 7102 or 7201 or X   Flein

The W is necessary for foreign writers, cause since the reunification there are some doubled zip-codes. Forgetting this will not end up in a bit error, but surely delay letters for some more days (and the german post office is really not one of the fastest nowadays).

Anyone who wants to know more or has special questions, is invited to
send e-mail to the following address:

itschere@techfak.uni-bielefeld.de

Hope, this has helped some guys...

TeSche
(Torsten Scherer)
/\/\/\/\/\/\/\/\/\/\/\/\

Date: 23 Jan 92 08:51:26 GMT
>From: noao!asuvax!cs.utexas.edu!wupost!spool.mu.edu!olivea!apple!well!
       dsmall@arizona.edu (David Small)
Subject: Aladin

Spectre 3.0 (no prior versions) has the ability to read and write
Aladin format disks. Use the Shift-HELP menu to configure the A/B:
drives between Aladin/Spectre and 9/10 sectors, if I recall correctly.

To transfer data from Atari disks, use the program TRANSVERTER on the
Spectre 3.0 disk. It even does some conversions on ASCII data if you
wish; it's handy. It moves data from Atari fd/hd to Mac *single sided*
MFS disks (Spectre format only); from there you can write to an Aladin
disk.

In all honesty, it is possible that one or another of Aladin formats was
not perfectly supported. I believe they had 9/10 sectors, single/double
sided disks, and another format with MSDOS-TOS data on one side, and Mac
data on the other side. Pull up the Shift-HELP menu from inside Spectre
(while in Mac mode) and check it out, and experiment.

We added Aladin support as part of the effort to work with customers in
Europe who had the Aladin cartridge before the company making it
stopped; we did this in 3.0 with foreign language support in menus, etc.

CAUTION: Aladin INFECTS Mac programs with a virus called "Frankie virus"
by virus killer programs; only fairly recent Disinfectants and such can
find it. This virus checks for the Aladin copy protection "dongle" in
the cartridge port. It attempts to disable itself while running on a
real Mac; it accidentally disables itself on Spectre, due to pure, dumb
luck.

However, any alteration to a program in that manner is not something to
be lightly undertaken, and since you said you were moving data around

Finally, one other possibility: Boot up an Aladin ST with a terminal
program that works, null-modem it to an ST or PC (if PC compatible
disks) and x/y/zmodem the files across.

I hope this helps.

-- thanks, Dave/Gadgets

p.s. The author of Aladin is on the net here somewhere ...
/\/\/\/\/\/\/\/\/\/\/\/\

Date: 23 Jan 92 08:38:41 GMT
>From: noao!asuvax!cs.utexas.edu!swrinde!mips!spool.mu.edu!olivea!
       apple!well!dsmall@arizona.edu (David Small)

Subject: GCR with overscan?

// base file has questions about the GCR. //

Spectre GCR 3.0 and below (all versions) do not work with overscan. The
problem is that in monochrome overscan, the "border" on the sides of the
screen is created in video RAM, which hacks off Quickdraw, Mac's drawing
package. I'm still looking for a fix, but have a few ideas.

We thought we had it fixed once and unfortunately said so.

It does not run in the TT color modes. On the TT, you get ST High Res,
or the TT dual-page monitor.

The GCR does sound like a regular ST. It is difficult to adjust the
timing of Mac sounds to the DMA sound timing of the STe/TT; the
frequency is a little different. Might be worth doing even if the pitch
is off, though, since it will greatly offload the CPU.

Happy to answer questions; I have been away from the Net due to SST
development for quite some time. You may want to email me at
dsmall@well.sf.ca.us as sometimes I don't get here in time before notes
scroll off, particularly during "shipping madness".

-- thanks, Dave / Gadgets by Small
/\/\/\/\/\/\/\/\/\/\/\

Date: 24 Jan 92 06:48:13 GMT
>From: arizona.edu!cerritos.edu!nic.csu.net!usc!chaph.usc.edu!
       news@arizona.edu (Robert A Jung)
Subject: Multifinder for Atari-ST ?

> I was just reading an add in the ST Informer about MultiGem which
> claims to be just like a multifinder for the ST. Having never used
> MultiGem or Multifinder could someone else shed some light on this
> subject?

Well, I use MultiFinder on the Macs at work, and have MultiGEM on my
STe, so I guess I should talk.

A quick background: MultiFinder is a version of the Mac OS (the Finder)
that allows multitasking. With MF, you can run an application, adjust
its window, go to the desktop, run another application, hop back 'n
forth between them, and other such goodies.

MultiGEM is a software "hack" (albet a very good one) to give you
multitasking on the ST (TOS 1.2 and up required). You install it on
your system, then whenever you run a GEM program, it takes up one of
your six accessory slots. You can hop back to the desktop, go to
another active application, all sorts of fun multitasking stuff.

There are drawbacks with MultiGEM. It's a hack/kludge, so it's not
perfect. Only GEM programs that "follow the rules" will multitask
properly -- things that tend to break are games, early ST software, or
PD/shareware efforts. The 68000 is not suited too well to multitasking,
so if you are running several things at once (a word processor prints
while you're working on a telecomm program), it will slow down
noticeably.

Still, it's true multitasking on the ST, at least until Atari gets a

multitasking TOS out. I admit it has flaws, but continue to endorse it
-- it's not a final solution, but a good step in the right direction.
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======================================================================
* THE NEWDESK ICON CPX V2.0                            Press Release
======================================================================
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Software Development Systems is proud to introduce THE NEWDESK ICON
EDITOR CPX Version 2.0, the latest upgrade to this popular icon editor
available for Atari computers with TOS 2.05 and above.

NIC, which runs using Atari's Extensible Control Panel (available on
GENIE or at your local dealer), uses only 1k of system memory when not
in use and can be conveniently called from any GEM menu bar. In
addition, users with a TOS version less than 2.05 can still utilize the
32x32 icon editing capabilities for use in HYPERLINK and any resource
construction set.

NIC can load and save GEM .RSC, DC .ICE, .ICN, and .XIC files (our own
icon format). Convenient functions such as flips, shifts, rotate, fill,
and more are all readily available within our graphic toolbox. In
addition, icon color, character position, and title may be modified.

Version 2.0 completely supports the Atari Clipboard for interaction with
other programs that support this standard. Our clipboard support writes
.XIC, .ICN, and .IMG files for manipulation from within other programs.

Preview mode is included to allow you to see your icon as it will appear
on the desktop.

Version 2.0 now completely manages the DESKICON.RSC and NEWDESK.INF
files. We've even added an expanded install feature from within the
program that lets you assign one icon to many different file masks for
the greatest flexibility.

As if that wasn't enough the package also includes .XIC Print, an
application to print your icon files to any GDOS/FSM GDOS device, and an
icon convertor to convert PD icon files to .XIC. We have also put over
1000 PD icons on disk.

The Newdesk Icon Editor Version 2.0 is available now for the retail
price of $29.95 + $2.50 S & H. Owners of earlier versions can upgrade
for $10.00 + $2.50 S & H. Contact your local dealer for information or
order direct from SDS:

Software Development Systems
996 Redondo Ave. #404
Long Beach, CA 90804
Orders: (800) 237-4SDS
Info: (310) 595-9799
GEnie: S.SANDERS2

Please note that the above phone numbers will not be active until around
March 1st, 1992 due to phone service changes.

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========================================================================
* THE ALEIN TECHNOLOGIES SHAREWARE CD-ROM SOFTWARE COLLECTION
========================================================================
```

The Alien Tech CD-ROM will be privately distributed through BBS's
nationally in an effort to help support local bulletin boards. The disk
contains aprox 550 megs of shareware that in new to the market, and not
a reprint of several already existing collections.   Distribution will
be handled through networks of vendors developed by and through local
bulletin board systems using a new and unique sales plan which
ultimately will market the disks to the final consumer. The disk has a
suggested retail price of 49.95, which breaks the traditional price
barriers for software CD-ROM diskettes.

-=-   For more information about this exciting new product call: -=-

The Alien Technologies B.B.S. (209) 226-2677 8-N-1 24 hrs.

This 128-line system offers other amazing features as well. As a new
user you will need to answer a few simple questions about yourself.
At the "reference" prompt, enter: 93277-JP-2528.

This data is very important, so please now make note of it now!

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========================================================================
* Z*NET SOFTWARE SHELF                              by Ron Berinstein
========================================================================
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Quite a list of Software today! This should keep you busy enough that
at least this weekend you will be pretty safe. That is you probably
won't have any time left to get into any additional trouble, or spend a
lot of money going out and entertaining yourself.

So... buckle up your seat belt, and get ready to take the first ever
Software Shelf's unbelievable carnival ride into the software world of
the future exposed today... By the way, since you are already a Z*Net
reader, you get a discount on the "E" tickets!

Now.. for those of you who are just getting started and haven't taken
this kind of ride before, someone was nice enough to upload ARCLZH.PRG
This file is a self-extracting archive containing ARC.TTP v.6.02,
Questor's LHarc v.2.01h, (you might consider replacing it with 201I -
!LHARCD.TTP, on CodeHead Quarters BBS) and version 3.1 of Charles F.
Johnson's ArcShell. It is provided for those who need the compression/
extraction utilities that are necessary to extract the files that you
are about to read about. Download this file and then simply double
click on the filename. Follow the prompts to extract the files. Be
sure and read the documentation provided for ArcShell. Also don't
forget ShareWare payments! Other extractors/compressors follow:

KERMIT FILE XFER PROTOCOL   At Last! you can get it now! A GEM-based
Kermit file transfer shell for the ST.

PROGRAM UN-PACKER This is a freeware program that will 'unpack' a
program. It does some checks to see how it was packed, and then does

its job. This was obtained from the Internet's atari. archive.umich.
edu archive site, and originated in Austria. There are some caveats in
the doc file, so read it before you use the program.

BCS/ATARI UNVEILING, ASCII FILE   This is a zmodem protocol for use
with Interlink software or as a stand alone module. It has the prg, a
GEM shell, and docs on how to use it with Interlink.

Ladies and Gentlemen... Step right up and get Zapped!

ZAP62A.ARC   This ARC contains a Superzap file that will update Cal 6.2
to version 6.2a. This corrects the behaviour of the window behind Cal
when it is run as a resident accessory and you have chosen to use the
saved screen position. You will need Superzap (SUPZAP.ARC) to perform
the update. Also included is version 6.2a of Calshow, which adds the
ability to toggle your importance filters easily. Short docs included.

And so that you don't miss any of the Midway's attractions:

QWKCIS.PRG QuickCIS is a navigator program for CompuServe. It will
visit up to 6 forums, capturing new messages and descriptions of new
uploads. You can then read the messages and descriptions offline and
call back later to post replies, or download chosen files.
Significantly reduce your online expense.

SEARCH11.LZH (LH5)   SEARCHER v1.1 searches through your Aladdin library
files for keywords. Great for finding a download without logging onto
GEnie. Now runs in color and mono. Bugs fixed. Runs as ACC or PRG by
renaming the file. Very fast search! Shareware.

And while on the subject of BBS's and Online Services and Terminal
programs, so that you can talk to them...

WIZ355.LZH WIZ92.LZH   "(/\)izzards" - V. 3.55 - Compiled on Feb. 16,
1992. Fixes a few minor bugs and adds a Monochrome init program.
(/\)izzards is a FoReM online game of might and majic. Up to 50
players, multiple ability levels. This version adds the Arena and other
new features.

GALACTIC EMPIRE V2.20   GALEMP22.LZH (LH5) Galactic Empire V2.20. A
multi-player online BBS door game of space conquest. A major update of
the old Galactic Empire game (last version was V1.26,). New features
include Intergalactic Market, multiple Spy/Terrorist groups for each
player, sysop chat mode, improved mail system, and much more. Uploaded
by author. Note: For any inexperienced users out there, an on-line game
is designed to run on a BBS, not as as standalone game. It will only be
useful to you if you are a BBS Sysop. It's compatible with any BBS that
allows running of outside programs by users.

STKEEP42.LZH   Allows 32000 users, 32000 rooms (SIGs), 32000 messages
per room, 255 floors, 255 doors (on-line games, etc.), 15 groups. ANSI,
VT-52, Instant Graphics & Sound Support Menu's. Numerous user and SysOp
configurable options. Self maintaining. Fidonet compatible via
Binkleyterm, The Box, and Fidodoor. Fully supported shareware for the
past two years and into the future!

BUG_FIX.ARC There is a small bug in version 2.0 of The Vulcan Embassy
BBS. If you don't already have a CONFIG.DAT file it will give some
weird "Divide by Zero" error. This is a "blank" CONFIG.DAT file with
instructions.

PVTGLO.ZIP This is an information package on the Pvt User GlobalNet
Network. This is for Non-Sysops.

GLOBEN.ZIP This is an information package on GlobalNet Network for
Sysops.

KA9QS.ARC C source code for the KA9Q software. KA9Q allows you to use
your ST to connect to Internet, telnet to remote systems, use FTP to
transfer files and lots more. Contained in this archive are modules for
FTP, TELNET, TCP/IP, SLIP, SLFP, KISS protocols and much more. A great
resource for anyone trying to write software to interface to the
Internet.

KA9QP.ARC This archive contains the NET.TOS program and other files
needed to run the KA9Q Internet networking software on the Atari ST. Be
sure to read the README.1ST file in this archive for important
information on setting up/configuring the software.

TODAY195.LZH   The _long_ awaited NEW version! Fixes many bugs in the
older version, and has many new features! (NOTE: Users of older
versions cannot simply replace the PRG. Please, please, read the docs!)
For those of you who don't know what TODAYS is, its a program to tell
you (or your BBS's users) what happened today in history. Can also be
used to display certain text on specific days. Compatible with the OLD
version's data files, and the files from the IBM version (which is
written by someone else).

FZT_D211.LZH (LH5) The latest version of FreeZe Dried Software
Terminal. The absolute best terminal program available for the ST/TT
line of computers. This version fixes many bugs, is faster, adds
background dialing, and more. FzDS Term is the only terminal package
for the ST/TT line that properly handles ANSI.

But wait for just a second! You might have missed the first big tent!
Yes sir ladies and gents, the show is about to begin. In this tent
you'll see caged right before your very eyes many of the files you might
need to start a computer circus yourself. To start the festivities,
center your focus on the main ring and allow the first great performer
to march by in single file form.

TOWNS' GUIDE TO TOS REVISIONS   Various Tos descriptions -tells you
which programs to use in AUTO for what versions of TOS. By John
Townsend at Atari, the list was made in March of '91 so it may not have
everything you need... but it is a good start.

Then in our other rings...

WAITHD.LZH   allows your ST to wait for your hard drive to boot.

BOINK SCREENSAVER BOINKSAV.LZH is is a little screen-saver from Damien
M. Jones, author of DMJ_GIF. It bounces a sprite around a black screen,
ala BOINK. He has included 3 different sprites to choose from, and even
the docs about how to create your own sprite! Configurable to a degree,
and very small, I like it!

HDINFO13.LZH HDinfo V. 1.3 It renames Hard drive icons with your
remaining free disk storage space information.

ZEST DESKTOP This is the ZeST Desktop for the Atari ST. It gives the

ST a neat NeXT-like desktop. Also comes with a built-in paint program, calendar, typewriter and database. Enjoy!

RHOCONTR.LZH (LH5) RHo-control panel is a very flexible accessory from Switzerland. Easy to use and uses a lot less memory than Atari's new control panel. TT Compatible.

FASTBASE   Fastbase is a powerful, flexible database for the Atari-ST that incorporates features previously only to be found in expensive commercial offerings. The many features include: * Incorporate 4 different graphic formats * Multiple databases in memory at once * Sophisticated query with relational features * Works in all three screen resolutions * Two password protected access levels to databases * Works comfortably on a 520 ST * GDOS compatible for ultimate on-screen presentation.

CRACK ART   A full featured drawing/paint program. It is a fine paint program from Germany. It even features a couple games on board to keep you from getting bored! Docs are in German, but the program isn't. Most functions can be figured out, but some are involved. Well worth the look. For color ST systems only.

GERMAN TRANSLATOR   MULTLANG.LZH   This desk accessory (with optional HotKey feature) provides translation between German/English words. Includes large dictionary. You can edit/create your own dictionary for any language or topic. Shareware from the United Kingdom. Program by Stuart Coates. TT Compatible

SPANISH.LZH (LH5) This is a dictionary file for use with Stuart Coates Multi-Language Look-Up System. It includes an index file (IDX) as well. Arc'd with LZH201.

COMPUTE UTILS   These are three utilities from the old Compute Atari ST magazine: STASHCAN.LZH - Sort of a trash bag for your trash can icon, files are copied to a directory rather than just deleted. FRNTBACK.LZH - Lets you print text files on both sides of your printer paper. PRINTER.LZH - Printer control ACC

SEDIT.LZH Sound Editor from old Compute's Atari ST mag.

READTEXT.LZH   a TTP program to analyze text files. Counts words, lines, plus many other stuff.

JUMPST2.LZH JumpSTART 2.0 allows users to assign 20 character descriptions to all of the files they use often. Each file can be run with a single mouse click. Works in Low, Medium, and High resolution.

TTTIME.ARC This is a Freeware CPX from Software Development Systems. It allows anyone with a battery backed-up clock to set it either slow or fast for better accuracy. This file requires XCONTROL.ACC. Runs on all Atari machines and resolutions.

And now for the Big Show that features the Daredevil Software of this century! Let me warn you though, those you pay their thin dime for admission to this tent, better have a good strong constitution. This show is not for the faint hearted beginner!

KCLI2.ARC KCLI 2.0 is a full featured CLI. It is unique in that most of the commands are external modules, instead of memory resident. This gives the ultimate in user flexibility : If you find a better "DIR"

command, just copy the file. Supports desk accessories, multiple
default paths, full-pathname "install application", Macros, batch files,
MUCH MORE! FULL DOCS INCLUDED! FREEWARE! (Note: this re-upload contains
KCLI.PRG, which was missing from the previous upload. No other changes.)

MINT LIBRARY   These are some files that are needed if you want to use
the MINT "operating system" in your own programs. They are specifically
meant for use with GNU C but I think it's possible to use them with
other C compilers. These files consist of mntinc16.zoo, mntolb16.zoo.

TOSBASH.ZOO   This is a port of the GNU Project's Bourne Again SHell.
It is designed to be run under TOS filesystems under the ST's native TOS
operating system (with no OS extenders such as MiNT enabled), and thus
some of the features are deactivated--for instance the ability to start
tasks in the background.

ATARI MGR   Here is the atari version of MGR, a network transparent
window system originally written for Unix. MGR requires 1 megabyte of
memory (more is better!) and the MiNT multitasking system version 0.6 or
better. It runs in high or medium resolution, and should work OK on a
moniterm or similar large screen monitor (all the screen graphics use
the line A vector). The second file consists of MGR demo programs.

CHECKRTC.LZH   This program compares elapsed time as measured by the
Real Time Clock, with the elapsed time as measured by the 200Hz system
tick counter. It reports any differences in terms of seconds/day lost
or gained. The program checks for the machine type in the _MCH cookie,
and will only run on a TT.

FORMRN.ARC This is Form_run, Bill Aycock's replacement for Form_do.
Assembler source and a demo program are included in this archive.

And Don't forget about our HOUSE OF LAUGHS!

SMASHER.LZH   Atom Smasher from old Compute Atari ST mag. It's a
breakout type game.

BRE1SET5.ARC Shoot out in the old west against the UDP forces!

SEEKER.LZH   This game was originally called Lost Treasure. This new
version adds moving sidewalks, controllable force fields, and an
elevator. It also includes improvements when creating your own screens
and in folder/directory access and the way some of the older feature
work. This lharced file contains 32 screens some of which were adapted
from the original Lost Treasure. There are probably about 15 new ones
some of which are fairly difficult.

Music fans will want to visit this sideshow:

DX7 EDITOR/LIBRARIANS   Here are two editor/librarians for the Yamaha
DX7. They seem to be pretty well implemented. Obtained from the Music
Software Exchange Box 533334 Orlando FL 32853 (407) 856-1244. They are
touted as having _everything_ in the MIDI share-ware PD world.

Art fans will want to visit our picture show!

89A_87A.LZH How many times have you tried to load certain GIF files
into your GIF editors and converters (like View GIF 1.2 and DMJ GIF 3.0)
and had it say "Invalid GIF type" or "Not GIF 87a"? Well, this program
will quietly and quickly convert type 89a GIFs to 87a.

SUL2SPU.ARC   Finally! Convert GFA Raytrace to Spectrum 512 format!
This program supports -uncompressed- Raytrace 512 color pics to
uncompressed Spectrum format. This SHAREWARE converter allows you to
view converted pics with any Spectrum slide show program. It is
partially disabled - if you attempt to edit the pics in Spectrum -
unpleasant bleeding of the red colors of Spectrum's menu will appear in
your picture - all the reason you need to send in the $5 shareware fee.
Otherwise, pics will view perfectly. Obviously, this is only for color
systems that can handle Spectrum's 512 color mode.

COALPTCH.LZH (LH5)LZH   Here's a patch that fixes the defective SLM
printer driver in Coalesce version 1.25. With my nasty habit of
transposing (-< see what I mean ;) some characters when typing, the SLM
driver is dead in 1.25. This LZh also includes some upgrade information
on Coalesce.

The above files were compiled by Ron Berinstein co-sysop CodeHead
Quarters BBS (213) 461-2095 from files that were either directly
uploaded to CodeHead Quarters BBS, or downloaded from GEnie, Compuserve,
and Delphi online services.

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To sign up for DELPHI service, call (with modem) (800) 695-4002. Upon
connection, hit <return> once or twice. At Password: type ZNET and
hit <return>.
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To sign up for GEnie service call (with modem) (800) 638-8369.   Upon
connection type HHH and hit <return>.   Wait for the U#= prompt and type
XTX99436,GEnie and hit <return>.
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To sign up for CompuServe service call (with phone) (800) 848-8199. Ask
for operator #198.   You will be promptly sent a $15.00 free membership
kit.
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